

PCM DRIVER™ B-50

› THE SURFACE DRIVE SOLUTION
FOR YOUR PCP OPERATIONS

ELECTRIC DRIVEHEAD

B-50 (50HP) / CE

Designed with the latest engineering technology to ensure full compliance with Oil and Gas standards, PCM Driver™ driveheads are safe and reliable surface drive solutions specifically conceived for all your PCP operations.

The conception and the qualification of the PCM Driver™ driveheads comply with **ISO 15 136-2-Surface Drive System requirements**. All PCM Driver™ models are **EC certified** to warranty a maximum of safety.

The **PCM Driver™ B-50** cost effective solution performs with all your power requirements up to **50 HP**. From conception and design to final tests and production, PCM has full control of product.

› BENEFITS

- Sliding light cover
- Easy alignment B/P
- Rotating part fully protected
- Low maintenance requirement
- Associated service and technical support





B-50 (50HP)

INNOVATION FOR SAFETY

Belt guard:

- Sliding light cover, all rotating part fully protected

Highly powerful Disk brake system:

- Efficient backspin control, sensitive parts fully protected

Secure key to open belt guard cover and sealing door

INNOVATION FOR LOW MAINTENANCE REQUIREMENT

Belt guards are made of a light glass fiber reinforced composite sheet :

- Easy to open

Disk brake system with hydraulic circuit fully embedded inside the drive head body

Motor base plate is sliding on the structure :

- Easy motor installation

Easy access to basic maintenance :

- Belt and Pulleys
- Disk brake pads
- Oil replacement
- Sealing unit

All B-50 are provided with transport / installation stand

FIRST CLASS SERVICE

- PCM Service team available worldwide to support customer
- Dedicated PCP team will support customer regarding any queries or issues faced with our PCM Driver.

SPECIFICATIONS

Drive mode	Belt and pulleys driven
Max driven sheave	28" (710mm)
Ambient conditions	-40°F to 120°F (-40°C to +50°C)
Braking system	Disc brake
Max speed	500 RPM
Max Torque	1 062 lb.ft (or 1 440 N.m)
Sealing technology	Stuffing Box or No Leak
Max Temperature	250°F (120°C)
Max Pressure	Dynamic : 35 Bar (500PSI) Static : 70 Bar (1 000PSI)
Shaft type	Hollow shaft
PR diameter	1-1/4" (31.75mm) or 1 1/2" (38,10mm)
API Wellhead	Flanged 3-1/8" 3 000 lbs (other size could be provided)
Axial Load	20 900 lbs (9,5T) L10 @ 25 000hrs 500RPM full load
Ca90	39 000 lbs (174kN)
Prime Mover	Electric Motor (IEC/NEMA) FC flange mounted : FC184 to FC355 IEC feet mounted: 160M to 250S/M NEMA feet mounted: 254T to 364T
Max. Motor HP	50 HP (37kW) 6 poles
Max. noise level	80 dB
Total Weight	770 lbs (350Kg)
Dimensions	57" x 41" x 55" (1.45 x 1.04 x 1.40 m)

